



PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE

2681 #2/a pre  
B. David  
10-17-01

In re Application of )

Daniel E. FISHER )

Group Art Unit: 2681

Serial No.: 09/696,956 )

Examiner: TBD

Filed: October 27, 2000 )

Atty. Docket No.: 001.00001

For: ANGLE RATE INTERFEROMETER)  
AND PASSIVE RANGER

PRELIMINARY AMENDMENT

The Honorable Commissioner of Patents  
Washington, D.C. 20231

Sir:

RECEIVED  
OCT 17 2001  
Technology Center 2600

Prior to the examination of the above identified application, please amend application as follows.

IN THE SPECIFICATION:

Please amend the paragraph on page 1, lines 6-13 as follows (this paragraph presented in the Appendix with amendments entered):

a' U.S. Patent No. 3,090,957 to Albanese et al. describes an aircraft guiding system for landing aircraft at airports that uses a phase rate interferometer homing system based upon signals received by two spaced apart antennas on an aircraft. U.S. Patent No. 3,789,410 to Smith et al. describes a passive ranging technique based upon a rate of change of [in] a phase difference between two signals received by widely separated pairs of antennas on an aircraft. U.S. Patent No. 4,704,613 to Albanese et al. describes a phase-rate interferometer passive ranging system based upon signals received at two spaced apart antennas on an aircraft. All of these known systems rely on a significantly long observation interval.